

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>George Mathew</td><td>10/03/2008</td></tr><tr><td>Yuan Xing Lee</td><td>10/03/2008</td></tr><tr><td>Hongwei Song</td><td>10/17/2008</td></tr><tr><td>Jefferson E. Singleton</td><td>10/17/2008</td></tr></tbody></table>		Name	Execution Date	George Mathew	10/03/2008	Yuan Xing Lee	10/03/2008	Hongwei Song	10/17/2008	Jefferson E. Singleton	10/17/2008
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George Mathew	10/03/2008										
Yuan Xing Lee	10/03/2008										
Hongwei Song	10/17/2008										
Jefferson E. Singleton	10/17/2008										
RECEIVING PARTY DATA											
Name:	LSI Corporation										
Street Address:	1621 Barber Lane										
City:	Milpitas										
State/Country:	CALIFORNIA										
Postal Code:	95035										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12663345</td></tr></tbody></table>		Property Type	Number	Application Number:	12663345						
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Application Number:	12663345										
CORRESPONDENCE DATA											
Fax Number: (303)265-9600 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 7202664728											
Email: dhamilton@hdciplaw.com											
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Address Line 4: Littleton, COLORADO 80123											
ATTORNEY DOCKET NUMBER:	AGERE-005710US										
NAME OF SUBMITTER:	Douglas M. Hamilton										
Total Attachments: 4											

OP \$40.00 12663345

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PATENT
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ASSIGNMENT AND AGREEMENT

For value received, we, **George Mathew** of San Jose, California; **Yuan Xing Lee** of San Jose, California; **Hongwei Song** of Longmont, Colorado; and **Jefferson E. Singleton** of Westminster, Colorado hereby sell, assign and transfer to LSI Corporation, a corporation of the state of Delaware having an office at 1621 Barber Lane, Milpitas, CA 95035, USA, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Systems and Methods for Adaptive CBD Estimation in a Storage Device** described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to LSI Corporation the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize LSI Corporation to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of LSI Corporation to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to LSI Corporation in the United States and in all countries foreign to the United States, or to such nominees as LSI Corporation may designate.

We agree that, when requested, we shall, without charge to LSI Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

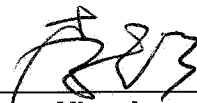


George Mathew

Date: 03 October 2008

Witness Signature: Plan 2008

Witness Name: Zheng Hao



Yuan Xing Lee

Date: 10/03/2008

Witness Signature: Plan 2008

Witness Name: Zheng Hao

Hongwei Song

Date: _____

Witness Signature: _____

Witness Name: _____

We agree that, when requested, we shall, without charge to LSI Corporation but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

George Mathew

Date: _____

Witness Signature: _____

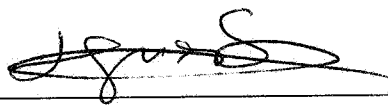
Witness Name: _____

Yuan Xing Lee

Date: _____

Witness Signature: _____

Witness Name: _____



Hongwei Song

Date: 10/17/2008

Witness Signature: 

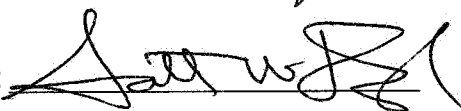
Witness Name: SCOTT M. DZRAK

Systems and Methods for Adaptive CBD Estimation in a Storage Device
Docket No.: 07-2391

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Date: 10/17/08


Jefferson E. Singleton

Witness Signature: 

Witness Name: SCOTT M. DZAU